

Work Order ID 146682

May 30, 2016 1:40:04 PM

146682

Page 1

Item ID: D205-702-353

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

Stop *NS2*

Start Date: 5/24/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/25/2016 Req'd Qty: 1.00

1

Customer: CHQWE02

Reference: RMA RA112309

20160530

Approvals: Process Plan: SH

Date:

Tooling:

Date:

Run Start *NR1*

QC:

Date:

SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

DSI9511

A

100

0.00

100

QC

Quality Control

Memo

0.00

INSPECT D205-702-353 B144965 QTY 1

PD 6.26.01

DAS

27

9-89

RE-PACKAGE AND ID WITH NEW BATCH NUMBER AT CHG001

RETURN TO STOCK WITH NEW LABELS AND PAPERWORK

110

Identify as per dwg & Stock Location:

0.00

110

Packaging

Packaging

Memo

0.00

fg029

DAS

27

9-89

JUN 02 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐																																																													
Date :		Step #:		QTY Effective :			MRB (QS1042) Approval																																																										
Description Work Order Deviation				Disposition				Completed By																																																									
								Lead hand / Supervisor Approval Verification																																																									
								QC / QA Coordinator Approval																																																									
Root Cause		FAULT CATEGORY																																																															
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐	Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐	Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐	Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐	Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐	Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐	Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐	Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐	LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐	Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐	Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____			
Misidentified ☐	Past Due ☐																																																																

Work Order ID 146682

May 30, 2016 1:40:04 PM

146682

Page 2

Item ID: D205-702-353

Accept

N900040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

Start Date: 5/24/2016 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 5/25/2016 Req'd Qty: 1.00 *1*

Customer: CHQWE02

Reference: RMA RA112309

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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120

QC21- Final Inspection - Work Order Release

0.00

120

QC

Memo

0.00

Quality Control

MLJ

JUN 02 2016

MLJ

JUN 02 2016

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date : _____	Step #: _____	QTY Effective : _____		MRB (QS1042) Approval	
Description Work Order Deviation		Disposition		Completed By _____ Lead hand / Supervisor Approval Verification _____ QC / QA Coordinator Approval _____	
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : _____			

Picklist Print

May 30, 2016 1:40:10 PM

Page 1

Work Order ID: 146682

146682

Parent Item: D205-702-353

D205-702-353

Parent Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

Start Date: 5/24/2016

Required Date: 5/25/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D205-702-353		Manufactured	No				Each	0.0000		1			

D205-702-353

Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

B144965 X 1

~~2AS~~
27
9-89

JUN 02 2016

Ship May 3rd
Page 1

Work Order ID 144965

144965

Thursday, April 28, 2016 10:05:24 AM

Item ID: D205-702-353 Accept *N900040100* Setup Start *NS1*
Revision ID: Stop *NS2*
Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing
Start Date: 4/28/2016 Start Qty: 1.00 *1* Cust Item ID:
Required Date: 5/3/2016 Req'd Qty: 1.00 *1* Customer:

Reference:

Approvals: Process Plan: UNJC Date: 16-4-27 Tooling: Date: Run Start *NR1*
QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
DSI9511	A

100	DOCUMENT CONTROL	0.00	DAS 3 9-89						
100									
DC	Memo	0.00							
Doc.Control -USB or Paperwork		Photocopy bluefile & type labels per PPP D205-702-353 CHG001							

DAS
28
9-89

ML 16-0502

MAY 03 2016

110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									

APR 29 2016

DAS
27
9-89

120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

DAS
28
9-89

MAY 03 2016

Work Order ID 144965

144965

Page 2

Thursday, April 28, 2016 10:05:24 AM

Item ID: D205-702-353

Accept

N9000040100

Setup Start *NS1*

Revision ID:

Stop *NS2*

Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

Start Date: 4/28/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/3/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start *NR1*

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130		0.00							
130	Packaging						DAS 28 9-89		MAY 03 2016
Packaging	Memo	0.00							
Packaging	Identify and pack for shipping as per PPP D205-702-353								
	Location: <u>FL 029</u>								
	PPP Rev: <u>FL 029</u>								
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

MCJ MAY 03 2016

MCJ MAY 03 2016

Picklist Print

Thursday, April 28, 2016 10:05:21 AM

Page 1

Work Order ID: 144965

144965

Parent Item: D205-702-353

D205-702-353

Parent Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

Start Date: 4/28/2016

Required Date: 5/3/2016

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A new issue DD 10.04.30 verified:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D412-702-311 *D412-702-311* Harness Assembly		Manufactured	No			110	Each	0.0000	2	2	144970x1	144922x1	
D412-702-313 *D412-702-313* Harness Assy		Manufactured	No			110	Each	0.0000	2	2	144971x1	144923x1	
D3572-043 *D3572-043* Guide Assembly (Uh-1)		Manufactured	No			110	Each	1.0000	1	1			
Location Mezz 47642 Loc Qty 1 1 Loc Code													
D3572-044 *D3572-044* Guide Assembly (Uh-1)		Manufactured	No			110	Each	1.0000	1	1			
Location Mezz 47643 Loc Qty 1 1 Loc Code													
AN4-16A *AN4-16A* Bolt		Purchased	No			110	Each	208.0000	6	6			
Location FG 121541 Loc Qty 5 5 Loc Code													
ST343 M134509 M134606 203 80 123													

APR 29 2016

Picklist Print

Page 2

Thursday, April 28, 2016 10:05:22 AM

Work Order ID: 144965

144965

Parent Item: D205-702-353

D205-702-353

Parent Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

Start Date: 4/28/2016

Required Date: 5/3/2016

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0463J

Purchased

No

110

Each

3,062.000

12

12

NAS1149D0463.J

WASHER

**

DAS

27

DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

328

M132035

21

M134508

307

ST260a

1600

M134508

600

M134634

1000

ST263

146

M134039

29

M134573

117

ST269

988

M132317

100

M132677

888

12

MS21042L4

Purchased

No

110

Each

1,572.000

6

6

MS21042L4

Locknut

**

DAS
6
9-89 DAS
27
9-89

DAS
28
9-89

Location

Loc Qty

Loc Code

GA

283

m133769

283

ST303

1192

m134055

1

m134509

191

m134606

1000

ST305

97

m130922

97

6

APR 29 2016

Ship May 3rd

Work Order ID 144965

144965

Thursday, April 28, 2016 10:05:24 AM

Page 1

Item ID: D205-702-353

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Shoulder Harness, 3-Point Att., Inertia Reel Continuous Belt, 4 Man Aft Facing

Stop *NS2*

Start Date: 4/28/2016 Start Qty: 1.00

1

Cust Item ID:

Required Date: 5/3/2016 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals: Process Plan: WME Date: 16-4-27 Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
DSI9511	A								
100		0.00							
100	DOCUMENT CONTROL								
DC	Memo	0.00							
Doc.Control -USB or Paperwork Photocopy bluefile & type labels per PPP D205-702-353 CHG001									
110	Pick Kit	0.00							
110									
Packaging	Memo	0.00							
Packaging									
120	QC4- 100% Inspect kits for completeness	0.00							
120									
QC	Memo	0.00							
Quality Control									

MCS MAY 02 2016

APR 29 2016 DAS

11N Rev. F

DSI 9511

TABLE 3

QTY -337	QTY -353	Part Number	Description
X		D214-702-337	Dart 5-Man 3 Point Aft Facing Shoulder Harness Kit, for 214 Aircraft
	X	D205-702-353	Dart 4-Man 3 Point Aft Facing Shoulder Harness Kit, for UH-1 Aircraft
1	2	D412-702-311	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1	2	D412-702-313	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1		D412-702-321	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1		D412-702-323	HARNESS ASSEMBLY (NEW) -> SEE TABLE 2
1		D412-702-319	HARNESS ASSEMBLY (NEW)
1*		D3925-041	BRACKET
1*		D4088-043	SHOULDER HARNESS ASSEMBLY (NEW)
4*		MS24694S50	BOLT
4*		AN960JD10L	WASHER
4*		MS21042L3	NUT
	1	D3572-043	GUIDE ASSY
	1	D3572-044	GUIDE ASSY
1		D3920-041	SEATBELT GUIDE ASSEMBLY
2		D3920-5	SEATBELT GUIDE
1	6	AN4-16A	BOLT
1		AN4-21A	BOLT
7		AN4-25A	BOLT
18	12	AN960JD416	WASHER
9	6	MS21042L4	NUT

* denotes that part is included in assembly above

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 10.03.22
CERT. NO.: SH04-7
ISSUE NO.: 3

DESIGN	99	DART AEROSPACE LTD	
DRAWN	99	HAWKESBURY, ONTARIO, CANADA	
CHECKED	1	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9511	SHEET 6 OF 6
APPROVED		TITLE	SCALE
DE APPR.		NEW SHOULDER HARNESS KITS	NTS
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